

Page 1

1	400	34.1	2032	4	US-09-045-288A-1	Sequence 1, Appl.
2	235.2	20.1	2156	2	US-08-899-57-1	Sequence 1, Appl.
3	196.8	16.8	2354	1	US-08-655-881-1	Sequence 1, Appl.
4	148.8	12.7	2409	3	US-09-263-023-3	Sequence 3, Appl.
5	133	11.3	2150	3	US-09-263-023-1	Sequence 1, Appl.
6	64.6	5.5	43280	2	US-08-864-227C-1	Sequence 1, Appl.
7	57.8	4.9	731	4	US-09-040-984-63	Sequence 63, Appl.
8	57.2	4.9	30601	1	US-08-125-468-1	Sequence 1, Appl.
9	57.2	4.9	30601	2	US-08-474-933-1	Sequence 1, Appl.
10	55.6	4.7	1931	2	US-09-130-111-2	Sequence 2, Appl.
11	54.6	4.7	4689	4	US-05-105-537-34	Sequence 34, Appl.
12	54.6	4.7	36778	4	US-05-105-537-5	Sequence 5, Appl.
13	52.8	4.7	38506	3	US-09-320-878-19	Sequence 19, Appl.
14	52.8	4.5	2580	3	US-09-050-863-2	Sequence 2, Appl.
15	52.8	4.5	5452	2	US-09-130-114-1	Sequence 1, Appl.
16	52.8	4.5	9600	4	US-08-910-647-1	Sequence 1, Appl.
17	52.8	4.5	10596	1	US-07-884-811-15	Sequence 15, Appl.
18	52.8	4.5	10596	1	US-07-885-971-15	Sequence 15, Appl.
19	52.8	4.5	10596	1	US-08-087-783A-15	Sequence 15, Appl.
20	52.8	4.5	10596	1	US-08-194-088B-15	Sequence 15, Appl.
21	52.8	4.5	10596	2	US-08-194-087-15	Sequence 15, Appl.
22	52.8	4.5	10596	2	PCT-US93-0466A-15	Sequence 15, Appl.
23	52	4.4	48897	6	51865167	Patent No. 51865167
24	50.4	4.3	674	3	US-05-069-831-1	Sequence 1, Appl.
25	50.4	4.3	574	4	US-05-593-106-1	Sequence 1, Appl.
26	50.4	4.3	1134	6	535275-8	Patent No. 535275-8
27	50.2	4.3	2846	4	US-09-613-182-5	Sequence 5, Appl.

[illegible]

REF ID: A67890-60-SN

```

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: DANIEL E ALTMAN
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: TOYAM21_001AUS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714 760 0404
TELEFAX: 714 760 9502
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2156
TYPE: nucleic acid
STRANDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Human
TISSUE TYPE: Fetal brain
FEATURE:
NAME/KEY: CDS
LOCATION: 147..1583
IDENTIFICATION METHOD: S
OS-08-899-514-1

Query Match      20.1%; Score 235.2; DB 2; Length 2156;
Best Local Similarity 54.0%; Pred. No. 7.4e+11;
Matches 589; Conservative 0; Mismatches 468; Indels 33; Gaps

Qy   91 gggccctcaaccccacgcgagcgagagaatcgtgtgaagtgtgttcactgtgttgcgtgttg 150
Db   510 GAGCGCCGCGACAGACCGGCGGTGGCGGGGCCCGCGGCACATGCTGTCATATGGCAACAG 569

Oy   151 gcctcgaggaccacctctcttgtggcgacgtctttcacagcagacccgcagctcttaactgy 210
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Oy   211 atgagagacgcggcgtagcatgtgtgagcaccgcctgc-----gagagagcgacgcg 258
Db   630 TTCGAGCGCGGTGGGACATCAGACCCGACAGTGCTCTTGCACCGCGGGGCGCCAAACGC 689

Oy   259 gaaagagctcaaatctggccgctggcgagacatgatagtgccctctcttttgtgagacatgac 318
Db   690 GCGGCGTGGCGCTGTGTACCGGACGACGCTCACAACGACTCTTCTCTGTGCGACCTGTAC 749

Oy   319 gtgtttgatgtccta-----tgacaagagcgaaaacgtgcgcgtttttcaac 365
Db   750 GTGCTGGAAGCATCTTCAACCCGCTGCGAGAACCCCGCTGTATACGCTTGTATMAGAAGTTC 809

Oy   370 tgggcaaagcgccgcgagctgtgctgcgcgcgcgcgcgtgcagcgcccttcccgaggaagac 429
Db   810 CGGGGCTTCAGCGCGCTCCCTGTGCGAAGAACCCCGCTGTATACGCTTGTATMAGAAGTTC 865

Oy   430 atcaagaagcagagacgtatgcaagaacactgtgacagcgagcaacattcaagccttgccgg 489
Db   870 TTGGAAGAAGTACCACTGCAMAACCCGCTCCGCCCCCTCAAGCTACGTGCGCGCA 929

Oy   490 gagagccgcgcgtctcctacagacccaatgtgtgcctacaagaggtgtgcctttcacaaccgcag 549
Db   930 GAGGCGTTCAGCGCGAAGAGACCAATGTGCTCAAGCGCGTGCACATCGGACAGCTGAG 989

Oy   550 gtagctctaacccgctctcagcgagccccgcgtctcaaacctgtgcactcgtgcacccgtgtgcac 609
Db   990 TTTCTGCGAGCGCTGTGGCGAAGACCCCGCTGACGCTCGGATCATTCAGCTGTGCGCC 1049

Oy   610 agcccgagggcgctgtctgtgcctcggagagcgagagcgcgagccgatactgtgcacgcgagcaac 669
Db   1050 GACCCCGCGGCTGTGCTGCTGCCCAAGTGTGGCTCTTCCCGCGCAAGTATAAGACTGTG 1109

Oy   670 ggcatactgtgttggtgcaacagcgcaaggtgtgtgtgaggtgcgagccctcaectgtgcctgaat 729
Db   1110 AAGAAGTGTGTGAGACGAGAGGCGACGAGCGCTCTTAGGAGAGAGAGAGTGCACGCGCTG 1159

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Page 3

RESULT 3
 US-08-655-878-1
 Sequence 1, Application US/08655878
 Patent No. 5827713
 GENERAL INFORMATION:
 APPLICANT: FUKUOTA, MASARAU
 APPLICANT: HABUCHI, OSAMI
 TITLE OF INVENTION: DNA CODING FOR SULFOTRANSFERASE
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE:
 STREET:
 CITY:
 STATE:
 COUNTRY:
 ZIP:
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/655,878
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME:
 REGISTRATION NUMBER:
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE:
 TELEFAX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2354
 TYPE: nucleic acid
 STRANDEDNESS: both

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      TOPOLOGY: linear
      MOLECULE TYPE: cDNA to mRNA
      ORIGINAL SOURCE:
      ORGANISM: Chick
      TISSUE type: Embryo chondriocyte
FEATURE:
FEATURE: NAME/KEY: CDS
FEATURE: LOCATION: 211..1584
FEATURE: IDENTIFICATION METHOD: P
FEATURE:
FEATURE: NAME/KEY: sig.peptide
FEATURE: LOCATION: 211..309
FEATURE: IDENTIFICATION METHOD: P
FEATURE:
FEATURE: NAME/KEY: mat.peptide
FEATURE: LOCATION: 310..1584
FEATURE: IDENTIFICATION METHOD: P
FEATURE:
FEATURE: NAME/KEY: transmembrane domain
FEATURE: LOCATION: 280..321
FEATURE: IDENTIFICATION METHOD: P
FEATURE:
FEATURE: NAME/KEY: potential N-glycosylation site
FEATURE: LOCATION: 394..402
FEATURE: IDENTIFICATION METHOD: S
FEATURE:
FEATURE: NAME/KEY: potential N-glycosylation site
FEATURE: LOCATION: 427..435
FEATURE: IDENTIFICATION METHOD: S
FEATURE:
FEATURE: NAME/KEY: potential N-glycosylation site
FEATURE: LOCATION: 493..501
FEATURE: IDENTIFICATION METHOD: S
FEATURE:
FEATURE: NAME/KEY: potential N-glycosylation site
FEATURE: LOCATION: 916..924
FEATURE: IDENTIFICATION METHOD: S
FEATURE:
FEATURE: NAME/KEY: potential N-glycosylation site
FEATURE: LOCATION: 1405..1413
FEATURE: IDENTIFICATION METHOD: S
FEATURE:
FEATURE: NAME/KEY: potential N-glycosylation site
FEATURE: LOCATION: 1537..1545
FEATURE: IDENTIFICATION METHOD: S
US-08-655-878-1

Query Match          16.8%; Score 196.8; DB I; Length 2354;
Best Local Similarity 52.4%; Pred. NO. 7.6e-33;
Matches 575; Conservative 0; Mismatches 487; Indels 36; Gaps 5.

Oy   52  ccagacacccgcctcctgcttcaatcacatccaccgccggccctcatcccagccgac 111
Db   475  CTGAGACAGCGGGCTGTGCAGACGTCACTTGCGTGGCTGGAGACTGCAATAGACCC 534
Oy   112  gtcgaagaatcgtytgacacgytctgtgctgcctcccgtaggcgcgcgcctcatctctg 171
Db   535  CCAGAGCCGGGGGGGAGTCTGTGTAAGGACACACAGCAGCCGGGTCTCTTCCTCGTT 594
Oy   172  agccagactctttagccacagccacccagacgcgtcttaacctatgatgaaacccggctggagt 231
Db   595  GGGAAGTCTTCAACACACAGCAGGCCAACAATTTCACCTCTTAGACCCTCATGTGGCACATC 654
Oy   232  tggacaaccctgtc-----ggaaggagcgcggaagcgtctgacataagccgctg 279
Db   655  AAGAAAGACGCTCATCTTTGAGCCAGAGGGGGGGGCCAACCCGCTGGGCTGGCCCTGGATGAC 714
Oy   280  gcgajccctgatgctctatcttttttgtgagacatggaagcgtcttgatgacctaatgcaa 339
Db   715  GCAGACGCTGTGTGAGACAGCACTCTCTCTCTCACTCTACACTTCTGTGAAAGACTTCACTCA 774
Oy   340  cgagacggaacacgtctc-----gccttttcaatatgagcagcgagacacacacacacacac 400

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Query Match	5.5%;	Score 64.6;	DB 2;	Length 43280;
Best Local Similarity	44.7%;	Pred. No. 4.4e-05;		
Matches 305;	Conservative	0;	Mismatches 369;	Indels 9;
				Gaps 1

RESULT 7
US-09-040-984-63
; Sequence 63, Application US/09040984

APPLICANT: Reed, Steven G.
APPLICANT: Wang, TongTong
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS

Query Match	4.98;	Score 57.8;	DB 4;	Length 731;
Best Local Similarity	58.48;	Pred. No. 0.00061;		
Matches 101; Conservative	0;	Mismatches 72;	Indels 0;	Gaps 0;

[illegible]

RESULT 8
 US-08-125-468-1/C
 : Sequence 1, Application US/08125468
 : Patent No. 5589385
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Ryan, Michael J.
 : APPLICANT: Lotvin, Jason A.
 : APPLICANT: Strathy, Nancy
 : APPLICANT: Fantini, Susan A.
 : TITLE OF INVENTION: Cloning of the biosynthetic pathway for
 : TITLE OF INVENTION: chlorotetracycline and tetracycline formation and cosm
 : TITLE OF INVENTION: useful therein
 : NUMBER OF SEQUENCES: 1
 :
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: American Cyanamid Company
 : STREET: One Cyanamid Plaza
 : CITY: Wayne
 : STATE: New Jersey
 : COUNTRY: USA
 :
 : ZIP: 07470
 :
 : COMPUTER READABLE FORM:

Fri Feb 1 20:20:57 2002

us-09-593-828-4.rni

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[illegible]

RESULT 13
US-09-320-878-19
: Sequence 19, Application US/09320878A

```

1  GENERAL INFORMATION:
2  APPLICANT: ASHLEY, Gary
3  APPLICANT: BETLACH, Melanie C.
4  APPLICANT: BETLACH, Mary C.
5  APPLICANT: MODANIEL, Robert
6  APPLICANT: TANG, Li
7  TITLE OF INVENTION: RECOMBINANT NARONOLIDE POLYKETIDE SYNTHASE
8  FILE REFERENCE: 300622002120
9  CURRENT APPLICATION NUMBER: 05/09/320, 878a
10 CURRENT FILING DATE: 1999-05-27
11 EARLIER APPLICATION NUMBER: CIP OF 09/141,908
12 EARLIER FILING DATE: 1998-08-28
13 EARLIER APPLICATION NUMBER: CIP OF 09/073,538
14 EARLIER FILING DATE: 1998-05-06
15 EARLIER APPLICATION NUMBER: CIP OF 08/846,247
16 EARLIER FILING DATE: 1997-04-30
17 EARLIER APPLICATION NUMBER: 60/119,139
18 EARLIER FILING DATE: 1999-02-08
19 EARLIER APPLICATION NUMBER: 60/100, 880
20 EARLIER FILING DATE: 1998-09-22
21 EARLIER APPLICATION NUMBER: 60/087, 080
22 EARLIER FILING DATE: 1998-05-28
23 NUMBER OF SEQ ID NOS: 34
24 SOFTWARE: PatentIn Ver. 2.0
25 SEQ ID NO 19
26 LENGTH: 38506
27 TYPE: DNA
28 ORGANISM: Streptomyces venezuelae
29 IS-09-320-878-19

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Query Match	4.78;	Score 54.6;	DB 3;	Length 38506;
Best Local Similarity	44.28;	Pred. No. 0.0053;		
Matches 225; Conservative	0;	Mismatches 284;	Indels 0;	Gaps 0

[illegible][illegible]

RESULT 14

US-09-050-863-2/C
; Sequence 2, Application US/09050863

; Patent No. 6114111
; GENERAL INFORMATION:

APPLICANT: Lao, Ying
APPLICANT: Hiang, Betty

APPLICANT: Payan, Don
TITLE OF INVENTION: Mammalian protein interaction cloning

TITLE OF INVENTION: System
NUMBER OF SEQUENCES: 5

NUMBER OF COPIES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mr. Robert
Post, 11-14-68, 11-14-68

STREET: 4 Embarcadero Center, Suite 3400

;
; CITY: San Francisco
; STATE: CA

COUNTRY: USA
ZIP: 94111-4187

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/00
FILING DATE: 30-MAR-1999

FILING DATE: 30-MAR-1998
 CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.

REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-65638/DJB/RMS

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989

TELEFAX: (415) 949-8711
INFORMATION FOR SEQ ID NO: 2

SEQUENCE CHARACTERISTICS:
LENGTH: 2580 base pairs

TYPE: nucleic acid

TOPOLOGY: unknown

MOLECULE TYPE: DNA

